ECS/EMD Configuration Change Request

1. Originator Byron V. Peters	2. Log Date: **10/09/03**	3. CCR #: **03-0689**	4. Rev: —	5. Tel: 10/0301/925-0350	6. Rm #: 3107	7. Org. SE

8. CCR Title: Baseline F-Secure Secure Shell 3.2.3 for UNIX

9. Originator Signature/Date **Byron V. Peters /s/ 10/09/03**	10. Class **II**	11. Type: **CCR**	12. Need Date: 11/30/03
13. CCR Sponsor Signature/Date **Carolyn Whitaker /s/ 10/09/03**	14. Category of Change: Update ECS/EMD Baseline Doc		15. Priority: (If "Emergency" fill in Block 27). Routine

16. Documentation/Drawings Impacted *(Review and submit checklist)*: 910-TDA-003, 910-TDA-023, .All Hardware/Software maps	17. Schedule Impact:	18. CI(s) Affected:MSS

19. Release Affected by this Change: 6A.08	20. Date due to Customer:	21. Estimated Cost: None - Under 100K

22. Source Reference: ☐NCR (attach)   ☐Action Item   ☐Tech Ref.   ☐GSFC   ☒Other:
PSR

23. Problem: (use additional Sheets if necessary)
The currently baselined version of F-Secure SSH does not support the AES encryption standard which is required to improve scp/sftp file transfer performance. Also, the SSH version 1 installations need to be removed on all hosts because of known vulnerabilities.

24. Proposed Solution: (use additional sheets if necessary)
Implement F-Secure 3.2.3 as per the PSR release.

25. Alternate Solution: (use additional sheets if necessary)
N/A

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
Insufficient file transfer performance.

27. Justification for Emergency (If Block 15 is "Emergency"):

28. Site(s) Affected: ☐EDF   ☒PVC   ☒VATC   ☒EDC   ☒ GSFC ☒LaRC   ☒NSIDC   ☒SMC ☐AK ☐JPL
☐EOC   ☐ IDG Test Cell   ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. SCDV CCB Chair (Sign/Date): **Evelyn N. Nakamura /s/ 10/09/03**	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. EDF CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS